

(FW) 2151

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
Under 37 CFR 1.97(b), (c), or (d)

Docket No.
SRI1P013X1 (PACK/3879-3)

In re Application of: **James F. Arnold, et al.**

Serial No.
09/518,753

Filing Date
03/03/2000

Examiner
Divecha, Kamal B.

Group Art Unit
2151

Title: **METHOD AND APPARATUS FOR UPDATING INFORMATION IN A LOW-BANDWIDTH
 CLIENT/SERVER OBJECT-ORIENTED SYSTEM**

Address to:
**Commissioner for Patents
 Alexandria, VA 22313-1450**

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), but prior to the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by the statement or fee as indicated below.

37 CFR 1.97(d)

3. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), but on or before payment of the issue fee and is accompanied by the statement and fee as indicated below.

Required Statements and/or Fees Under 37 CFR 1.97(c) or (d)

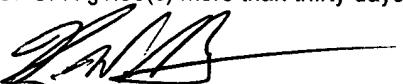
Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(1))

No item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(2))

The fee set forth in 37 CFR 1.17(p). Please credit any overpayment or charge any insufficiencies to deposit account number 20-0782

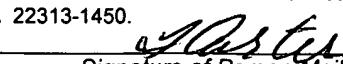
37 CFR §1.704(d)

4. Each item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.


 Dated: 10/31/06

Certification of Mailing by First-Class Mail

I certify that this document is being deposited on 10/31/06 with the U.S. Postal Service as first class mail under 37 C.F.R. §1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Tara Carter

Typed or Printed Name of Person Mailing Correspondence

Kin-Wah Tong, Esq.

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732-530-9404

495062_1

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Complete if Known	
FEE TRANSMITTAL for FY 2006		Application Number	09/518,753
NOV 03 2006		Filing Date	March 3, 2000
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		First Named Inventor	James F. Arnold, et al.
AMOUNT OF PAYMENT (\$ 180.00)		Examiner Name	Divecha, Kamal B.
		Art Unit	2151
		Attorney Docket No.	SRI1P013X1 (PACK/3879-3)

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify) : _____

Deposit Account Deposit Account Number: 20-0782 Deposit Account Name: Patterson & Sheridan, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

Under 37 CFR 1.16 and 1.17

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fees Paid (\$)
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	
				Fee (\$)	Fee (\$)
-20 or HP=	x	=	_____	50	25

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
				Fee (\$)	Fee Paid (\$)
- 3 or HP=	x	=	_____	_____	_____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	_____	_____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : Submission of an Information Disclosure Statement

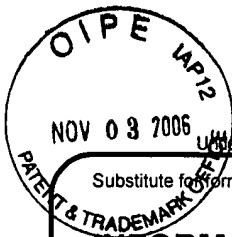
\$180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	39,400	Telephone (732) 530-9404
Name (Print/Type)	Kin-Wah Tong, Esq.			Date 10/31/06

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NOV 03 2006

PTO/SB/08A (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known			
				Application Number		09/518,753	
				Filing Date		03/03/2000	
				First Named Inventor		James F. Arnold, et al.	
				Art Unit		2151	
				Examiner Name		Divecha, Kamal B.	
Sheet	1	of	2	Attorney Docket Number	SRI1P013X1 (PACK/3879-3)		

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-5,339,392	08/16/1994	Risberg, et al.	
	A2	US- 5,754,771	05/19/1998	Epperson, et al.	
	A3	US- 5,813,007	09/22/1998	Nielsen	
	A4	US- 5,812,844	09/22/1998	Jones, et al.	
	A5	US- 5,826,270	10/20/1998	Rutkowski, et al.	
	A6	US- 5,835,911	11/10/1998	Nakagawa, et al.	
	A7	US- 5,918,214	06/29/1999	Perkoski	
	A8	US- 5,918,013	6/29/1999	Mighdoll, et al.	
	A9	US- 5,920,725	07/06/1999	Ma, et al.	
	A10	US- 5,937,189	08/10/1999	Branson, et al.	
	A11	US- 5,959,543	09/28/1999	Laporta, et al.	
	A12	US- 5,978,577	11/02/1999	Rierden, et al.	
	A13	US- 6,041,360	03/21/2000	Himmel, et al.	
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	B1	WO-98/19239	05/07/1998	HE Holdings, Inc. dba Hughes Electronics	
	B2	WO-98/02812	01/22/1998	Tandem Computers Incorporated	
	B3	EP-0817031 A2	01/07/1998	Sun Microsystems, Inc.	
	B4	EP-0553560 A2	08/04/1993	GPT Limited	

Examiner Signature	Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/518,753
(Use as many sheets as necessary)				Filing Date	03/03/2000
				First Named Inventor	James F. Arnold, et al.
				Art Unit	2151
				Examiner Name	Divecha, Kamal B.
Sheet	2	of	2	Attorney Docket Number	SRI1P013X1 (PACK/3879-3)

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	C1	S. MORTON AND O. BUKHRES, "Mobile Computing in Military Ambulatory Care," In The 10th IEEE Symposium on Computer-Based Medical Systems, (CBMS'97), 1997, copy comprises 6 unnumbered pages			
	C2	IBM Technical Disclosure Bulletin, Event Notification Mechanism, 1993, Vol. 36, No. 4, copy comprises 5 pages			
	C3	P. FEILER AND W. TICHY, "Propagator: A Family of Patterns," The 1997 Conference on Technology of Object-Oriented Languages and Systems, TOOLS 23; Santa Barbara, CA; USA; 28 July-01 Aug. 1997. pp. 355-366. 1997, copy comprises 12 unnumbered pages			
	C4	PLASIL, F., BALEK, D., JANECEK, R., "SOFA/DCUP Architecture for Component Trading and Dynamic Updating," Proceedings of the ICCDS '98, Annapolis, IEEE Computer Soc., 1998, copy comprises 16 unnumbered pages			
	C5	CANOS, J.H.; LOZANO, M.D.; RAMOS, I., "KAOS: An Object-Oriented Software Tool for the Objects Definition, Updating, Querying and Programming in an Object-Oriented Environment," In Proceedings of the International Conference on Configurable Distributed Systems, IEEE Computer Society, 1998, copy comprises 4 pages number 711-714			
	C6	PCT International Preliminary Report for PCT/US99/12050; dated 08/29/2000; copy comprises 9 unnumbered pages			
	C7	Notification of Transmittal of the International Search Report or the Declaration /PCT International Search Report for PCT/US01/40219; dated 01/04/2002; copy comprises 7 unnumbered copies			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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